

MILLER AUTOMATIC FEEDERS





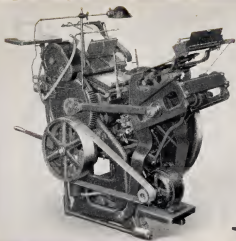




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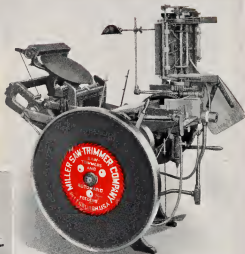
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#462
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Miller
Automatic Feeders



8 x 12 Miller
Ideal Unit

10 x 15 and
12 x 18 Miller
Ideal Units



12 x 18 Miller
Craftsman Unit



MILLER

Automatic Feeders *and Accessories*



THIRD EDITION
Revised July, 1926

CABLE ADDRESS "MILLERSAW, PITTSBURGH"

MILLER SAW-TRIMMER COMPANY

PITTSBURGH, U. S. A.

BRANCHES:

ATLANTA, 63 Walton St.
DETROIT, 619 Wayne St.
NEW YORK, 60 Beekman St.

BOSTON, 693 Atlantic Ave.
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PHILADELPHIA, 141-143 N. 12th St.

DALLAS, 500 S. Akard St.
MINNEAPOLIS, 425 S. Fifth St.
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FOREIGN BRANCH OFFICES:

Latin America
Natural Paper & Type Co.
London, E. C. 4, England

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Amsterdam, Holland
Edwards Darling & Co.
Sydney, Australia

Canada (Export B. Co.)
Miller & Richard
Toronto—Winnipeg

Old Gakwam
Krotstina, Norway

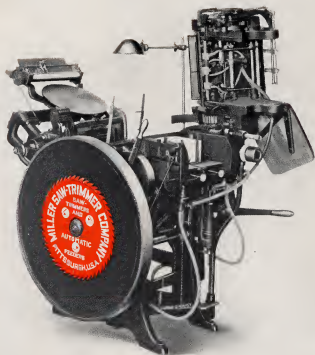
Robert Fritson & Co.
Yokohama, Japan

Hon De Miguel Marín
Barcelona, Spain

S. Comarbas Makinfor
Stockholm, Sweden

J. P. Harrison Co.
Manila, P. I.

John Dehnert & Co.
Cape Town, So. Africa
W. J. Mink, Ltd.
Dunedin, New Zealand



8 x 12 MILLER IDEAL UNIT

Code	DESCRIPTION	Shipping Weight
*Faahu	8 x 12 Miller Automatic Feeder for Old Series Press	400 lbs.
Faaxx	8 x 12 Miller Automatic Feeder for New Series Press	400 lbs.
†Foody	8 x 12 Miller Ideal Unit (see description page five)	1700 lbs.

*Applicable only to C. & P. Presses numbered above 29977.

†Give Motor Specifications—see data and code page 42.

MILLER AUTOMATIC FEEDERS, IDEAL AND CRAFTSMAN UNITS

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HE successful printers of today are those who have profited through the installation of the latest time and labor-saving devices. It is only the modern equipped shop that can contract work at competitive prices and still realize a liberal margin of profit.

This applies particularly to the platen press department. Prior to the arrival of *Miller Automatic Feeders* many of the larger printers had practically abandoned this field, because of its small profits under the old conditions of hand-feeding. The wide-awake printer of today is going after this business and, through the use of *Miller Feeders*, not only makes it worth while, but exceedingly profitable.

SIZES AVAILABLE

Miller Automatic Feeders are built in three sizes for 8 x 12, 10 x 15 and 12 x 18 Chandler & Price Presses, in both the Old and New Series, also the 12 x 18 C. & P. Craftsman Press. *Single Feeders* may be ordered separately and applied to C. & P. Presses now in your shop, or we will furnish the complete *Miller Units*, each *Unit* consisting of the following:

MILLER IDEAL AND CRAFTSMAN UNITS

Miller Automatic Feeder, New Series or Craftsman C. & P. Press, Motor, Wiring, Conduit, Snap Switch, Variable Speed Drive and Guard, Patent Adjustable Motor Bracket, Endless Belt, C. & P. Long, Short or Brayer Fountain, C. & P. Press Brake, Miller Fly-Wheel Guard, Counter, Miller Double Vibrating Distributing Rollers, Miller Electric Sheet Drier, Miller Hold-Fast, Center Grippers and String Fasteners, Megill's Double Grip Gauge Pins and Miller "Anyangl" Lighting Fixture. The Motor Electric Drive is optional, as Line Shaft Drive may be used if desired. The Accessories, which comprise a complete *Miller Ideal* or *Craftsman Unit*, are illustrated and described in detail on following pages.

COMPACTNESS

The *Miller Ideal* or *Craftsman Unit* is a model of compactness. The Press, Feeder and Electrical Equipment are self-contained, all supported by the four legs of the press—less floor space occupied than ordinarily required for hand-feeding. The printer who needs double his present press capacity to properly serve his trade—who needs it at once, at no increase in floor space or machine units, and with less help—need only install *Miller Automatic Feeders*.

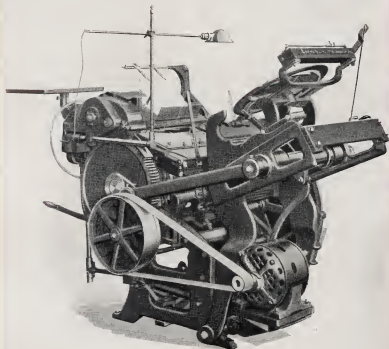


10 x 15 MILLER IDEAL UNIT

Code	DESCRIPTION	Shipping Weight
*Faser	10 x 15 Miller Automatic Feeder for Old Series Press	500 lbs.
Faa fh	10 x 15 Miller Automatic Feeder for New Series Press	500 lbs.
†Faso	10 x 15 Miller Ideal Unit (see description page five)	2400 lbs.

*Applicable to C. & P. Presses numbered above 3400.

†Give Motor Specifications—see data and code page 42.



12 x 18 MILLER IDEAL UNIT

Code	DESCRIPTION	Shipping Weight
Faahp	12 x 18 Miller Automatic Feeder for Old Series Press	660 lbs.
Faasq	12 x 18 Miller Automatic Feeder for New Series Press	660 lbs.
*Faapr	12 x 18 Miller Ideal Unit (see description page five)	3200 lbs.

*Give Motor Specifications—see data and code page 42.



Feeding Position

12 x 18 MILLER CRAFTSMAN UNIT

Code	DESCRIPTION	Shipping
Fackw	12 x 18 Miller Craftsman Automatic Feeder for C. & P. Craftsman Press	700 lbs.
*Pack	12 x 18 Miller Craftsman Unit (see description pages 9, 10 and 11).	3800 lbs.

*Give Motor Specifications—see data and code page 42.

THE MILLER CRAFTSMAN UNIT

EXCLUSIVE FEATURES AND SCOPE OF OPERATION

THE MILLER CRAFTSMAN UNIT, differing from the complicated cylinder type of automatic press, is designed with a special view to *simplicity and economy of operation*. With this idea uppermost in the minds of the designers, and with the basic principles of construction, as exemplified in the designs of the time-tried *Miller Automatic Feeders* and *Chandler & Price Presses*, as a foundation upon which to build, the results attained in points of simplicity and correct functioning of actuating parts, combined with rigidity of impression, thorough ink distribution, speed and other essentials of the perfect printing machine, are truly marvelous.

THE MILLER CRAFTSMAN AUTOMATIC FEEDER. This important essential to quality and quantity production, in connection with the *Miller Craftsman Unit*, incorporates all of the splendid features which have developed in the construction of more than 20,000 *Miller Automatic Feeders* for *Chandler & Price Presses*, all of which are in daily operation and yielding splendid returns to their owners. The *Miller Craftsman Feeder* is specially designed, however, to meet the increased speed requirements and enlarged scope of operations offered by the *Craftsman Unit*. The multiplied stresses and strains, to which every actuating part is subjected, have been scientifically calculated and supplied, insuring freedom from vibration and smooth, easy operation at high speed, with a degree of unfailing precision in the handling of all sizes, weights and grades of paper and card stocks never before attained by any automatic feeding device.

OPERATING SPEED. The *Miller Craftsman Unit* is designed to operate consistently at speeds ranging from 2,000 to 2,400 impressions per hour—thoroughly practical to maintain these speeds in the production of the highest grade half-tone and close-register color printing. This high average output of a quality product is the result of correct design, perfect balance, sturdy construction and high class workmanship. The *Miller Craftsman Unit* is built to stand up after years of hard service and continue to function properly on quality work throughout its long life.

IMPRESSIONAL STRENGTH. No requisite to rigid, unyielding impression strength has been overlooked or slighted. What have been considered by some as inherent limitations of the Gordon type of press have been corrected and strengthened. Note from the illustrations how strong and massive every part is built—the platen, shafts, side arms, connecting bracket, rocker, gear wheel, side frames and every working part—designed and constructed with a reserve of strength to rigidly withstand the most severe impression strain of heavy half-tone and embossing forms.



Feeder Raised

12 x 18 MILLER CRAFTSMAN UNIT

STANDARD EQUIPMENT consists of Miller Craftsman Automatic Feeder, Chandler & Price Craftsman 12 x 18 Press, Motor, Miller Variable Speed Drive and Guard, Miller Adjustable Motor Bracket, Belt, Wiring, Conduit and Snap Switch, Miller Electric Sheet Drier, C. & P. Vibrator Brayer Fountain, Four Form Rollers with Two Vibrating Rollers, Adjustable Extension Roller Tracks, Brake, Positive Chase Hook, Miller Fly-Wheel Guard, Miller Hold-Fast Grippers, Center Grippers and String Fasteners, Double-Grip Gauge Pins, "Anyang" Lighting Fixture, Counter, Three Guaranteed Semi-Steel Chases, Wrenches, Eight Roller Stocks, Eight Roller Trucks and Brayer.

INK DISTRIBUTION. *The Miller Craftsman Unit* is equipped with four form rollers, all of which clear the form on the downward stroke. The form rollers are surmounted by two steel vibrating rollers, which not only serve to eliminate form "ghost" marks, but also re-supply the rollers with ink as they near the bottom of the form, insuring a uniform color over its entire surface. In combination with the Vibrator Brayer Fountain, Large Ink Disc and Adjustable Extension Roller Tracks, supplied as standard equipment with the *Miller Craftsman Unit*, the four form rollers, surmounted by vibrators, distribute the ink more thoroughly and evenly than is possible with the *latest improved four-roller cylinder press distribution*, size of form considered. Form-size half-tones and solid tint-blocks, in combination with the daintiest tint inks, are handled with ease on the *Miller Craftsman Unit*.

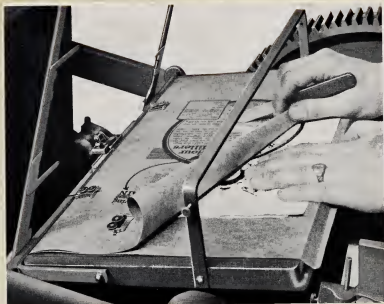
VIBRATOR BRAYER FOUNTAIN. In design and construction, the Vibrator Brayer Fountain, as supplied with the *Miller Craftsman Unit*, is the equal of the latest approved cylinder press fountain. With the convenient adjustments provided, it is not only possible to regulate the uniform flow of ink to a nicety, but also to increase or decrease the amount of ink to any part of the form. In operation the ink is transferred from the steel fountain roller to a composition roller, thence to a steel vibrating roller which, in turn, transfers it to the top form roller. Full-turn roller contacts, from fountain to vibrating ductor roller, insures thorough distribution over entire roller surface. After coming in contact with the top form roller the brayer roller makes several revolutions, at the same time vibrating from side to side, effecting a thorough distribution of the ink supply from the fountain before it is finally deposited on the ink disc. An automatic trip prevents turning of fountain roller when impression is thrown off, a safeguard against the distribution of surplus ink when press is tripped, insuring a uniform color throughout the run.

ADJUSTABLE EXTENSION ROLLER TRACKS. *The Miller Craftsman Unit* is regularly equipped with Adjustable Roller Tracks, designed to compensate for the shrinkage or expansion of rollers and providing proper contact between rollers and form at all times. The top of the tracks extend to the top of the ink disc, supporting the roller trucks throughout the travel of the rollers over the disc and sustaining the pressure of the roller springs, a feature which prolongs the life of the rollers and contributes to the uniformity of the ink distribution. Anti-friction roller bearing trucks overcome undue wear of roller sockets, making possible the utilization of extra heavy roller springs, an effectual remedy against "jumping" of rollers when press is operated at high speed.

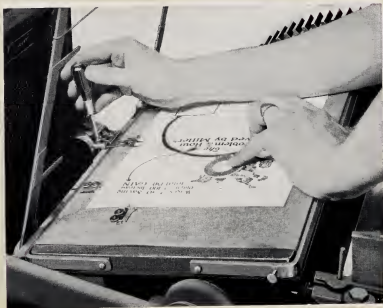
Miller Craftsman Units are carried in stock at all Miller Branches. Samples of *Craftsman* specimens of work, prices and terms on application.

SPECIAL DATA

Dimensions of Chassis		Power Recommended to Drive	1 H.P.
Inside	12 x 18"	Floor Space overall,	55½ x 60"
Outside	15½ x 20½"	Space through which Unit will pass:	
Dimensions of Platen	13½ x 21½"	Assembled	48½"
Diameter of Disc	20½"	Partially stripped	36½"
Diameter of Fly-Wheel	35½"	Entirely stripped	28"
Flute	2½"	Rollers should be cut Diameter	2"
Revolutions to One Impression	7		



Make-ready
Feeder raised,
giving clear,
unobstructed
access to platen.



First Setting:
Adjusting Register
Fork. (Feeder
Raised)

THE MILLER AUTOMATIC FEEDER AND ITS SCOPE OF OPERATION

READY ACCESS TO PLATEN

THE pressman makes the press ready in the usual way. For make-ready purposes the *Feeder* is quickly and easily raised to an upright position, giving clear and unobstructed access to the platen. When the make-ready is complete the *Feeder* is simply lowered to the feeding position, where a few simple adjustments place it in readiness to proceed at once with the run.

MECHANICAL COUNTERPART OF HAND-FEEDING

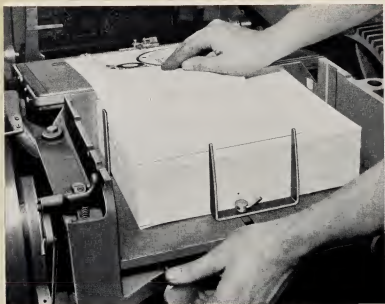
In operation the *Miller Feeder* is the mechanical counterpart of hand-feeding. The sheets to be printed are placed directly in front of the platen on a stock table, where they are kept in perfect jog by stationary fingers or guides instantly adjustable to the various sizes of stock. Compressed air directed into the side of the pile serves to loosen or separate the top sheet; it is then lifted by means of air vacuum separator feet to the feed grippers, which carry it over the platen to the gauge pins—similar to the manner employed in hand-feeding. At this point the sheet is gripped by an ingenious automatic side-registering device which moves it into absolute hair-line register to either a right or left side-guide as desired. Simultaneous with the movement of the side-registering device the gripper fingers engage the sheet, holding it in perfect register throughout the printing stroke. As the platen opens, the sheet is picked up by the delivery fingers and gently deposited, printed-side-up, into the jogger located above the stock table—directly under the eye of the operator and easily accessible for removal of printed sheets.

POSITIVE CONTROL OF SHEET AT ALL TIMES

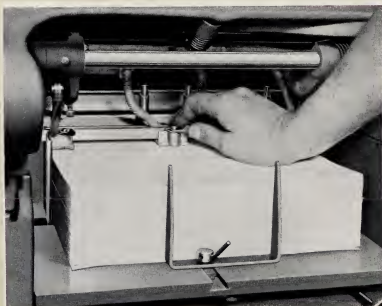
The *Miller Automatic Feeder* leaves nothing to the human equation. From the time the sheet is separated from the pile of stock on the stock table and picked up by air, until it is delivered into the jogger, it is under the absolute control of the *Feeder*. This positive control makes it possible to handle all kinds of stock at high speed and with absolutely accurate register.

CAPACITY AND SPEED

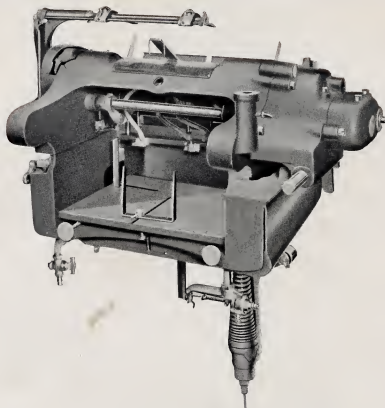
It more than doubles the capacity of hand-feeding and delivers each sheet clean and spotless without wrinkle or finger-marks. It handles any flat stock, onion skin to three-ply cardboard, in all sizes from $3\frac{1}{4} \times 5\frac{1}{2}$ in. (12×18 *Feeder* $5\frac{1}{2} \times 8\frac{1}{2}$ in.) to the maximum feeder capacity, at speeds up to 3,000 per hour 8×12 size, 2,300



Second Setting:
Adjusting
Stock Guides on
Stock Table.
(Feeder Raised)



Third Setting:
Adjusting
Air Vacuum
Separator Feet.
(Feeder Lowered)



STANDARD EQUIPMENT MILLER AUTOMATIC FEEDER
(including parts shown on page 17)

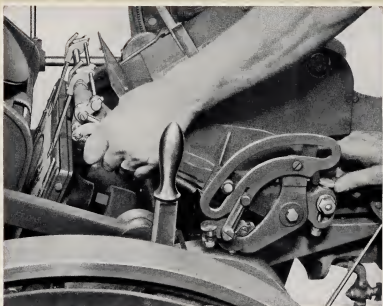
per hour 10 x 15 size, 1,800 per hour 12 x 18 size, and 2,000 to 2,400 per hour 12 x 18 Craftsman size.

SLIP-SHEETING

With the Miller it is unnecessary to slow down on the running time for slip-sheeting. The convenient arrangement of the feed table and the fixed regularity with which the machine operates, makes it possible for a boy or girl to slip-sheet at the regular operating speed of the machine. This feature is profitably employed in the collating of duplicate sheets and it is also possible, with the aid of another table, to collate triplicate sheets, utilizing both hands. (A Miller Electric Sheet Dryer will eliminate necessity of slip-sheeting 90% of the jobs formerly slip-sheeted—see description, pages twenty-eight and twenty-nine.)

MECHANICAL ACCURACY AND DEPENDABILITY

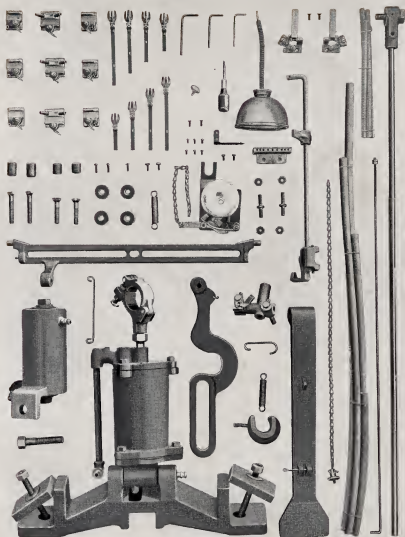
In all its operations the Miller is far more accurate and dependable than the human feeder. It has no muscles to tire, no eyes to strain, no nerves to wear. The



Fourth Setting:
Adjusting
Delivery Arm.
(Feeder Lowered)



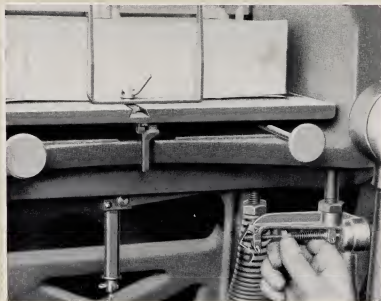
Fifth Setting:
Adjusting
Feed Grippers.
(Feeder Lowered)



STANDARD EQUIPMENT MILLER AUTOMATIC FEEDER
(including parts shown on page 13)



Sixth Setting:
Adjusting Jogger.
(Feeder Lowered)



Seventh Setting:
Adjusting the
Air Vacuum.
(Feeder Lowered)

last sheet is fed with the same degree of energy, the same care and the same movement as the first. In a word, it standardizes the production of the platen press, not only in the pre-determined number of impressions per hour, per day, per week, but also in its capacity to deliver a uniformly high quality product.

HIGH AVERAGE PRODUCTION

Comparative records in hundreds of shops show that two Miller Feeder-Equipped Presses with one operator equal or surpass the output of four hand-fed presses and four hand-feeders. That's why we confidently claim that when a hand-fed shop installs Miller Feeders it doubles its capacity—at a saving in floor space with no increase in the number of machine units.

QUICK-CHANGE FEATURES

The ease and rapidity with which the Miller Feeder is changed from one size sheet to another makes it thoroughly practicable for the shortest runs. There are but seven distinct settings, following a regular routine, as illustrated by the seven views shown in their order on pages 12, 14, 16 and 18. These seven settings are instantly adjustable, in their order, while turning the press over but one complete revolution by hand. The skilled operator will easily complete all the settings in from three to five minutes, depending upon the nature of the stock and the make-up of the forms. All adjustments are clearly prescribed and easily understood, requiring no special skill other than a few days' practice. The average pressman, with the aid of instructions he receives from one of our efficient demonstrators at the time the equipment is installed, will readily master these simple adjustments.

PROFITABLE ON SHORT RUNS

The description and comprehensive illustrations will convince the most skeptical printer that the Miller Feeder is practicable as well as highly profitable on runs as low as two hundred and fifty impressions. We have letters on file from printers stating that, in one week, they have made 50,000 impressions with one machine, ranging in runs from 250 to 1,000 impressions, the longest run being 1,000. This proves conclusively that the Miller is a "short-run" as well as a "long-run" machine.

MILLER FEEDERS IN USE

At this time there are more than 20,000 Miller Automatic Feeders in daily use. They are in operation in some of the largest as well as the smallest shops in the United States and abroad. There is not a country represented on the present map of the world that does not have its quota—making it literally true that "the sun never sets on Miller Automatic Feeders."

MILLER AUTOMATIC FEEDER ATTACHMENTS AND ACCESSORIES

Miller 10 x 15 Made-Up Envelope Attachment

Miller Die-Cut Envelope Attachment

Miller Small Sheet and Card Attachment

Miller Electric Sheet Driers

Miller Double Vibrating Distributors

Chandler and Price Fountains

Miller Grippers

Miller "Anyangl" Lighting Fixtures

Miller Fly-Wheel Guards

Redington Counters

Megill's Double Grip Gauges

Miller Variable Speed Drives

Miller Patented Motor Brackets

Miller Electrical Equipments

Miller Variable Speed Drive Guards

Chandler and Price Press Brakes

Motors—A. C. and D. C.

A MILLER ACCESSORY FOR EVERY NEED
A NEED FOR EVERY MILLER ACCESSORY

MILLER AUTOMATIC FEEDER ATTACHMENTS and ACCESSORIES

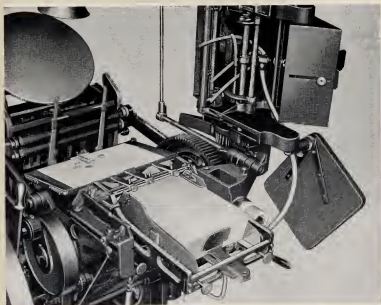
THE *Miller Automatic Feeder Attachments and Accessories*, described and illustrated on the following pages, have been designed to meet specific requirements not comprehended by the original feeder and press equipment. Many of these are patented platen press appliances which make for greater efficiency and production, at the same time insuring a better printed product—accessories which form the component parts of a complete *Miller Ideal Unit*.

Others, notably the *10 x 15 Made-up Envelope Attachment*, *Die-Cut Envelope Attachment*, and *Small Sheet and Card Attachment* are special devices applicable to *Miller Automatic Feeders*, which make possible the automatic feeding of a large variety of out-of-the-ordinary jobs heretofore considered impracticable. The purchase of these special devices is optional with the buyer. They may be ordered with the standard equipment when *Feeder* or *Unit* is installed, or at any subsequent time, as the special need develops.

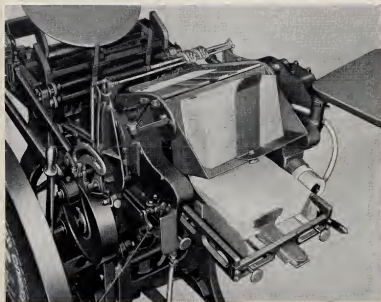
Several of the *Miller Accessories* are applicable to hand-feed C. & P. Presses as well as *Miller Feeder-Equipped* machines. Each of these performs a specific function not provided for in the original press equipment, materially increasing the scope and capacity of the machine. Oftentimes, with the aid of a *Miller Accessory*, a job is handled at a profit which otherwise would result in a loss through annoying delays in production.

All *Miller Attachments and Accessories* are sold under the *Miller Guarantee*—a guarantee covering material and workmanship, correct functioning and satisfactory service.

On the following pages are pictured several of the operations in which *Miller Attachments and Accessories* are employed. These illustrations will give you a more comprehensive idea of their value than can possibly be conveyed in words.



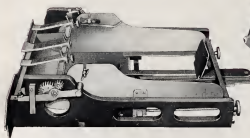
Operating View
Miller Envelope
Attachment for
10 x 15 Miller
Automatic Feeder.
(Feeder Raised)



Operating View
Miller Envelope
Attachment for
10 x 15 Miller
Automatic Feeder.
(Feeder Lowered)

MILLER ENVELOPE ATTACHMENT

FOR
10 x 15 MILLER AUTOMATIC
FEEDER



FEEDER



DELIVERY

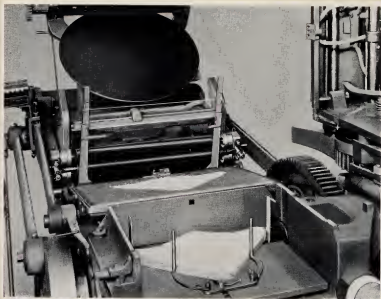
THE Miller Envelope Attachment is applicable to the Miller Feeder Equipment of all old and new series 10 x 15 Chandler & Price Presses. It will handle, either side up, open side and open end envelopes, ranging in sizes $3\frac{1}{4}'' \times 5\frac{1}{2}''$ to $4\frac{1}{8}'' \times 10\frac{1}{2}''$ at the guaranteed speed of the press, with correct register, providing the envelopes are not improperly made or in bad condition. With the aid of the special register device and register fork, furnished as standard equipment, it will handle envelopes ranging as small as $2\frac{1}{2}'' \times 4''$.

The attachment is simple in application, attached or removed instantly, weighs only thirty-one pounds. In operation, it is simple and easily understood, requiring no special skill on the part of the operator.

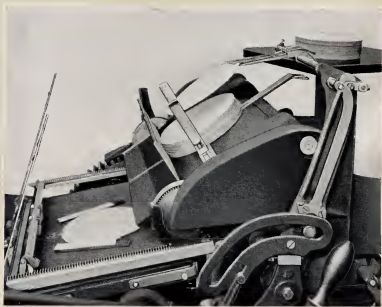
The blank envelope receptacle has a capacity of a full 500-box of ordinary envelopes, which may be replenished without interfering with the operation of the machine. The printed envelopes are delivered printed side up, onto the delivery table, thence by an ingenious conveyor to a delivery receptacle which has a capacity of 250 ordinary envelopes.

On account of its extreme simplicity in operation and its unflinching precision in the handling of all styles and sizes of envelopes, including open face or window envelopes, the 10 x 15 Miller Envelope Attachment materially increases the scope of the Miller Feeder, and is particularly adapted to those offices which accept orders for envelope printing in connection with other lines of commercial work.

Code	DESCRIPTION	Shipping Weight
Factory	Miller Envelope Attachment for 10 x 15 Miller Automatic Feeder	90 lbs.
	Carried in stock at all Miller Branches. Prices and terms on application.	

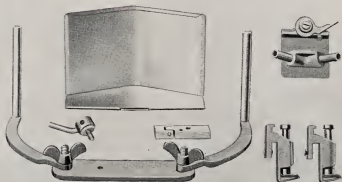


Operating View
Die-Cut Envelope
Attachment.
(Feeding No. 63 1/4
Envelopes Flat)



Operating View
Die-Cut Envelope
Attachment.
(Feeding Die-Cut
3-ply Cardboard
Discs)

DIE-CUT ENVELOPE ATTACHMENT



THE Die-Cut Envelope Attachment is a simple device applicable to 10 x 15, 12 x 18 and Craftsman Miller Automatic Feeders. It facilitates the automatic feeding of all sizes and shapes of flat die-cut envelopes. It will also handle a large variety of other die-cut work, such as circular and odd-shaped labels, cards, advertising novelties, etc.

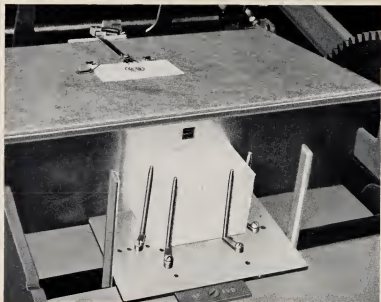
Printing envelopes in the flat, with the aid of this attachment, has become the accepted method among Miller Feeder-Equipped Shops everywhere—no folds or gummed flaps to print over, no damaged type or cuts—a neat, clean print to the end of the run. Front and back of envelope printed at one impression—a two-to-one advantage over the ordinary method of feeding made-up envelopes through the press twice.

All runs of 10,000 or more, handled in this way, will put your envelope business on the "big-pay" basis. Any envelope maker or dealer will supply you with the die-cut envelopes in the flat at no advance in cost, finishing them up for you after printing.

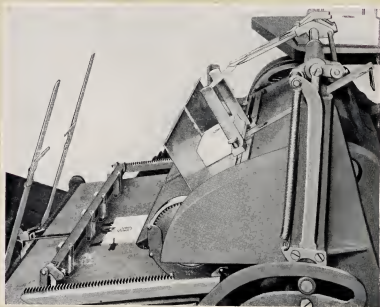
The Die-Cut Envelope Attachment is easily applied and operated—no special skill or instructions required.

Code	DESCRIPTION	Shipping Weight
Faems	Die-Cut Envelope Attachment for 10 x 15 Miller Automatic Feeder	3 lbs.
Fabaw	Die-Cut Envelope Attachment for 12 x 18 and Craftsman Miller Automatic Feeder	3 lbs.

Carried in stock at all Miller Branches. Write for prices.

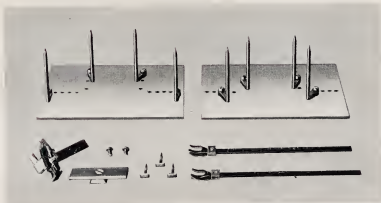


Operating View
Small Sheet and
Card Attachment.



Operating View
Small Sheet and
Card Attachment.

SMALL SHEET AND CARD ATTACHMENT



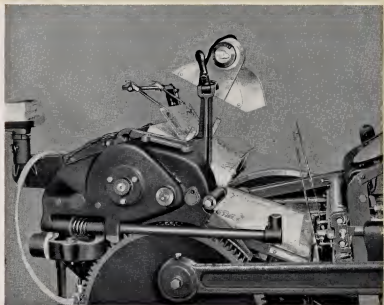
THE *Small Sheet and Card Attachment* is applicable to 8 x 12 and 10 x 15 *Miller Automatic Feeders*, designed at the suggestion of leading card and label printers to facilitate feeding of small cards, labels, envelope enclosures and other work of this nature, of smaller dimensions than minimum sizes handled by regular feeder equipment.

With the aid of this attachment all paper and card stocks, onion skin to 3-ply cardboard, may be handled in sizes ranging from $1\frac{1}{2}'' \times 2\frac{3}{8}''$ to $3\frac{1}{4}'' \times 5\frac{1}{2}''$, at maximum rated press speeds, providing the stock is not electrified or in bad condition. Sizes larger than $3\frac{1}{4}'' \times 5\frac{1}{2}''$ come within the range of the regular feeder equipment.

Miller Feeder users will at once appreciate the value of the *Small Sheet and Card Attachment*, especially those having occasional runs of small cards or imprinting work. Will pay for itself on the first two or three jobs.

Code	DESCRIPTION	Shipping Weight
Fabhz	Small Sheet and Card Attachment for 8 x 12 <i>Miller Automatic Feeder</i>	10 lbs.
Fabzy	Small Sheet and Card Attachment for 10 x 15 <i>Miller Automatic Feeder</i>	10 lbs.

Carried in stock at all *Miller Branches*. Write for prices.



Operating View
Miller Electric
Sheet Drier.



Operating View
Miller Electric
Sheet Drier.

MILLER ELECTRIC SHEET DRIER

THE Miller Electric Sheet Drier is a new attachment for Miller Automatic Feeders, designed and placed on the market in response to the universal demand of Miller Users for a simple, easily applied device for drying ink on printed sheets as they come from the press, thus eliminating the troublesome and expensive operation of slip-sheeting.

In its design and construction, the new Miller Sheet Drier represents the very latest development of what is known as the Westinghouse reflector type of electric heater. Through the medium of a scientifically designed reflector, the intense heat rays are concentrated directly upon the restricted area of the printed sheet. A four-point switch, with points plainly lettered, "Off," "High," "Medium," and "Low," makes it possible to instantly regulate the volume of heat to the particular requirements of the job in hand. When turned to "High" sufficient heat is produced to instantly "set" the ink on the heaviest "solids."

In shops doing fine color and half-tone work, where slip-sheeting is common practice, and also in the quick-service plant where it is desirable to make prompt delivery of the printed work direct from the press, the Miller Electric Sheet Drier is indispensable—pays for itself over and over again in the course of a few months.



Drier Raised, Giving Access to Feeder Delivery



Drier Complete
Ready for Attaching

The accompanying illustrations give a comprehensive idea of the manner of its application—simply replaces the feed quadrant guard on feeder gear housing—no holes to drill, no special fitting of any kind. Shipped assembled with six feet of double conductor insulated cable to attach to power circuit—must not be attached through ordinary lighting socket.

Made in two sizes only, 10 x 15 and 12 x 18. The 12 x 18 size is applicable to the new Miller Craftsman Unit. Designed for use on either 110-115 or 220-230 Volt Alternating or Direct Currents. When ordering specify size of press and voltage of power current.

Code
Feflag
Fafgh

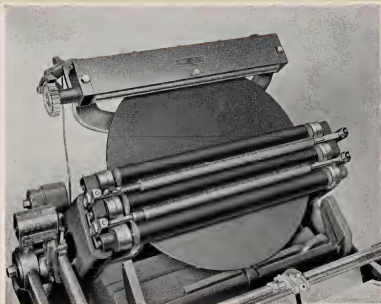
DESCRIPTION

Miller Electric Sheet Drier for 10 x 15 Miller Automatic Feeders
Miller Electric Sheet Drier for 12 x 18 and Craftsman Miller Automatic Feeders

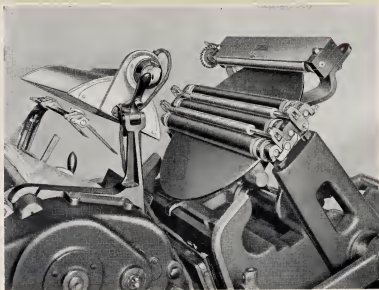
Shipping
Weight
26 lbs.
28 lbs.

(CAUTION—Do not confuse the Miller Electric Sheet Drier with other so-called heaters operated from a lighting socket. Exhaustive tests prove conclusively that the ordinary socket and drop cord will not carry current required to produce the necessary degree of heat.)

Carried in stock at all Miller Branches. Write for prices.

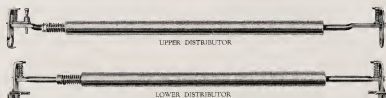


Operating
View of Miller
Double Vibrating
Distributors.



Operating
View of Miller
Double Vibrating
Distributors.

MILLER DOUBLE VIBRATING DISTRIBUTORS



MILLER DOUBLE VIBRATING DISTRIBUTORS are applicable to 8 x 12, 10 x 15 and 12 x 18 Old and New Series C. & P. Presses, either Miller Feeder-Equipped, or open hand-fed machines. The two Vibrators, upper and lower, operate independently of each other—may be worked singly, or in combination as illustrated. While a single Vibrator will increase distribution to a marked degree, and improve the quality of work generally, the two in combination are doubly efficient—equalling or surpassing the results secured by double rolling.

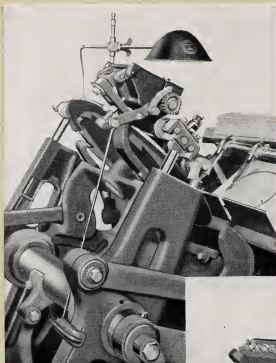
MILLER DOUBLE VIBRATING DISTRIBUTORS are held in place by substantial steel catches engaging the roller bearings and saddles—absolutely secure under highest operating press speeds. On and off in thirty seconds—no tools required other than the fingers. Shipped completely assembled ready for attaching—simply clip into place and start up the press—no holes to drill, no special machine fittings of any kind.

MILLER DOUBLE VIBRATING DISTRIBUTORS increase the efficiency of the platen press fully 100 per cent., enabling the platen shop to accept and produce at a profit, the highest quality of half-tone and color printing. This applies particularly to the Miller Automatic Feeder-Equipped shop where the increased production and mechanical accuracy of automatic feeding insure maximum output of a quality product at lowest operating costs.

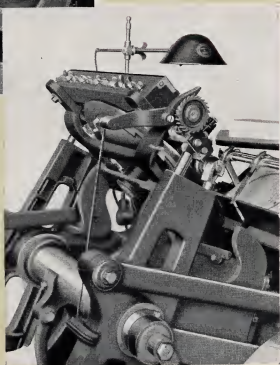
MILLER DOUBLE VIBRATING DISTRIBUTORS, complete, consist of Upper and Lower Vibrators and six Aluminum Reversible Roller Trucks. Included as part of the standard equipment of the Miller Ideal Unit. When ordering, specify press size.

Code			DESCRIPTION	Shipping Weight
8 x 12	10 x 15	12 x 18		
Fafci	Fafdj	Fafek	Miller Upper and Lower Double Vibrating Distributors complete with six Aluminum Reversible Roller Trucks	6 lbs.
Faffl	Fafou	Fafpu	Miller Upper Vibrating Distributor	3 lbs.
Fafgo	Fafrx	Fafsy	Miller Lower Vibrating Distributor	3 lbs.
Fafiz	Fagah	Fagbs	Miller Aluminum Reversible Roller Trucks (set of six)	1½ lbs.

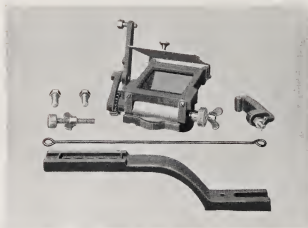
Carried in stock at all Miller Branches. Write for prices.



Operating View
C. & P. Short
Fountain.



Operating View
C. & P. Long
Fountain.



C. & P. SHORT FOUNTAIN

BEST results are always secured through the use of a fountain, and we recommend it as a means of saving time and getting greater efficiency.

The C. & P. Short Fountain is inexpensive, simple in construction and easy to operate. The roller is larger and wider than usually found in small fountains, and the fountain itself is very easy to adjust and clean.

Code

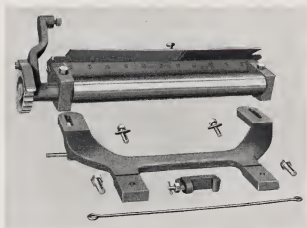
DESCRIPTION

Shipping Weight

Fabr	C. & P. Short Fountain for 8 x 12 C. & P. Presses	30 lbs.
Fabru	C. & P. Short Fountain for 10 x 15 C. & P. Presses	30 lbs.
Fabgt	C. & P. Short Fountain for 12 x 18 and Craftsman C. & P. Presses	30 lbs.
Carried in stock at all Miller Branches. Write for prices.		

C. & P. LONG FOUNTAIN

THE C. & P. Long Fountain extends the full width of the disc and is a valuable aid in getting perfect distribution. With this fountain a delicate adjustment can be made by means of the thumb screws placed along the entire width which regulates the supply of ink to any part of the roll.

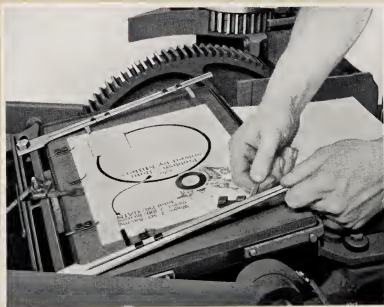


Code

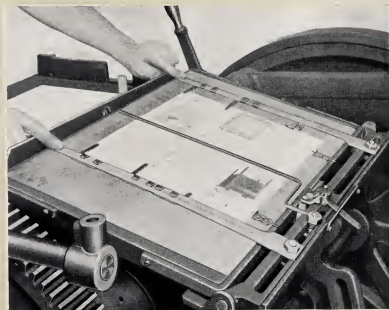
DESCRIPTION

Shipping Weight

Fabru	C. & P. Long Fountain for 8 x 12 C. & P. Presses	60 lbs.
Fabru	C. & P. Long Fountain for 10 x 15 C. & P. Presses	60 lbs.
Facax	C. & P. Long Fountain for 12 x 18 and Craftsman C. & P. Presses	63 lbs.
Carried in stock at all Miller Branches. Write for prices.		



Operating View
Miller Hold-Fast
Grippers.



Operating View
Miller Hold-Fast
Grippers in
Combination with
Center Gripper.

MILLER HOLD-FAST GRIPPERS AND STRING FASTENERS



Miller Hold-Fast Gripper with Auxiliary Grippers

THE Miller Hold-Fast Gripper consists of a main or upright gripper with extension or auxiliary grippers of different lengths. The auxiliary grippers may be placed at any point on the main gripper and moved easily up or down to any desired position, without disturbing the adjustment of other auxiliary grippers. They lie perfectly flat on the tympan without causing injury to quads or spacing materials or without endangering sheet register. In addition to other advantages the auxiliary grippers are of great help in preventing slurring of rule forms—an improvement over the old style cock and sandpaper pasted to grippers.



Miller String Fastener

THE Miller String Fasteners can be applied to any make of gripper. By their use a string may be stretched absolutely taut and rigid, lying perfectly flat across the tympan, either in a straight line or at any angle. No tools required; no winding or tying of knots. The String Fastener may also be used as a clip for holding cardboard frisket to blank operating head of numbering machine—well worth its cost for this purpose alone.

Code	DESCRIPTION	Shipping Weight
Fachy	Miller Hold-Fast Grippers (pair) for 8 x 12 C. & P. Presses	1 lb.
Facea	Miller Hold-Fast Grippers (pair) for 10 x 15 G. & P. Presses	1 lb.
Facdn	Miller Hold-Fast Grippers (pair) for 12 x 18 and Craftsman G. & P. Presses	2 lbs.
Faces	Extra Auxiliary Gripper—Short (fits all size grippers)	4 oz.
Facef	Extra Auxiliary Gripper—Medium (fits all size grippers)	4 oz.
Facfp	Extra Auxiliary Gripper—Long (fits all size grippers)	4 oz.
Facgj	Miller String Fasteners (pair—fits all size grippers)	4 oz.

MILLER CENTER GRIPPERS

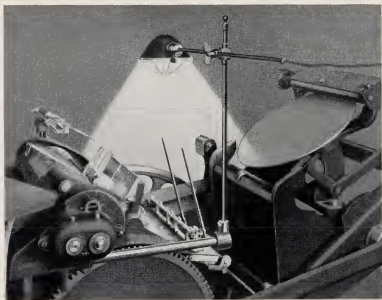
MILLER Center Grippers are specially designed for Miller Feeder-Equipped Chandler & Price Presses.



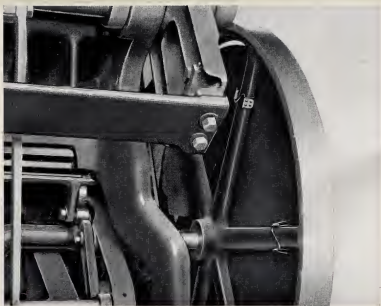
They are attached to the gripper bar in the same manner as the ordinary gripper, the offset providing ample clearance of registering device. On account of their narrow width ($\frac{1}{8}$ inch square) they may be safely used on jobs where center margin is as narrow as $\frac{1}{8}$ inch. A set consists of two grippers, one left and one right, applicable for use with either a right or left registering device.

Code	DESCRIPTION	Shipping Weight
Fagey	Miller Center Grippers (set of two) for 8 x 12 G. & P. Presses	13 oz.
Fagek	Miller Center Grippers (set of two) for 10 x 15 G. & P. Presses	13 oz.
Fagef	Miller Center Grippers (set of two) for 12 x 18 and Craftsman G. & P. Presses	13 oz.

Kept in stock at all Miller Branches. Write for prices.

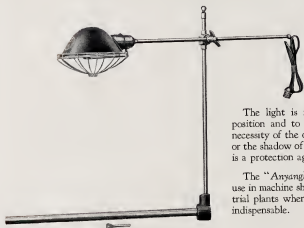


Operating View
"Anyang!" Lighting
Fixture (showing
manner of
attaching).



Operating View
Miller Fly-Wheel
Guard (showing
manner of
attaching).

MILLER "ANYANGL" LIGHTING FIXTURES



THE "Anyangl" Lighting Fixture may be attached to any machine, cabinet, desk or bench in the printing office, where it increases efficiency and improves workmanship by concentrating the light where needed.

The light is instantly adjustable to any desired position and to the correct angle to overcome the necessity of the operator working in his own shadow or the shadow of surrounding objects. The lock guard is a protection against breakage and theft.

The "Anyangl" is also adapted to and in general use in machine shops, mills, foundries and other industrial plants where concentrated direct illumination is indispensable.

Code	DESCRIPTION	Shipping Weight
<i>Factor</i>	"Anyangl" Lighting Fixture, complete with standard bracket	8 lbs.
<i>Factor</i>	"Anyangl" Lighting Fixture, complete with extra length hinge pin for 8 x 12 Miller Ideal Unit	10 lbs.
<i>Factor</i>	"Anyangl" Lighting Fixture, complete with extra length hinge pin for 10 x 15 Miller Ideal Unit	10 lbs.
<i>Factor</i>	"Anyangl" Lighting Fixture, complete with extra length hinge pin for 12 x 18 Miller Ideal and Craftsman Units	10 lbs.

Carried in stock at all Miller Branches. Write for prices.

MILLER FLY-WHEEL GUARD

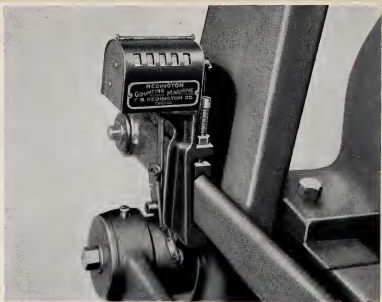
THE Miller Fly-Wheel Guard is not only designed to meet the requirements of the law, but to actually eliminate accidents by preventing any part of the body from coming in contact with the rapidly moving spokes of the fly-wheel.

This guard is clamped securely to the spokes and is so constructed as to match neatly with the rim of the fly-wheel, giving the appearance of being a moulded part of the wheel itself, adding greatly to the appearance of the machine. It is made from a tough, fibre-like composition, extremely light in weight, yet very durable—as durable as the machine it becomes a part of.

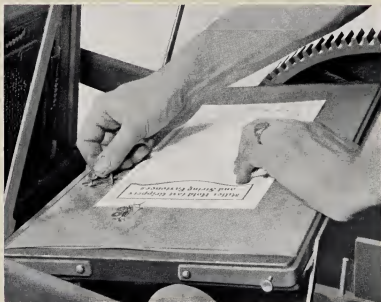


Code	DESCRIPTION	Shipping Weight
<i>Factor</i>	Miller Fly-Wheel Guard for 8 x 12 C. & P. Presses	15 lbs.
<i>Factor</i>	Miller Fly-Wheel Guard for 10 x 15 C. & P. Presses	15 lbs.
<i>Factor</i>	Miller Fly-Wheel Guard for 12 x 18 and Craftsman C. & P. Presses	15 lbs.

Carried in stock at all Miller Branches. Write for prices.



Operating View
Model "D"
Redington
Counter.



Operating View
McGill Double-Grasp
Gauge Pins
(showing manner
of securing to
typeset).

MODEL "D" REDINGTON COUNTER



THE Model "D" Redington Counter, illustrated herewith, is specially designed for C. & P. Presses. It is positive in operation, registering accurately every printed impression—when press is tripped the counter does not register. There are no springs to break or delicate parts to get out of adjustment. Fits any size C. & P. Press—attached in three minutes with no tools other than an ordinary screw driver and wrench.

With counter-equipped presses you can keep your finger on the pulse of your production—know the output per hour, per day, of each machine, whether it be hand-feed or *Miller Automatic-Feed*. This knowledge is absolutely essential in the keeping of accurate cost or production records.

Code	DESCRIPTION	Shipping Weight
Fadbs	Model "D" Redington Counter (Fits any size C. & P. Press). Carried in stock at all Miller Branches. Write for prices.	4 lbs.

MEGILL'S DOUBLE-GRIP GAUGES



AFTER exhaustive tests of the various gauge pins on the market, we unhesitatingly recommend the Megill Double-grip Gauge as being the best adapted to *Miller Feeder* work. These gauges may be relied upon for guiding and gauging sheets, whether flat, curled or warped. Their use prevents delay, loss of stock and defective register due to improper gauges.

The Megill has no superior for register work. Both side and bottom tongues lie low to the tympan, with their ends turned upward, which serves to guide the sheets to their proper level at the gauge-head. The side tongue permits sheets to be fed within an eighth of an inch of the side gauge, which saves space and allows sheets with unusually narrow margins to be printed. These gauges are also quickly adjusted and when set screws are properly tightened will remain immovable to the end of the run.

Code	DESCRIPTION	Shipping Weight
Faden	Megill Double-Grip Gauges (set of three)	4 oz.

Carried in stock at all Miller Branches. Write for prices.

MILLER VARIABLE SPEED DRIVE

THE Miller Variable Speed Drive is especially designed for Miller Automatic Feeder-Equipped C. & P. Presses. It may also be applied to hand-feed presses, in all sizes, 8 x 12 up to and including 14½ x 22 sizes.

The Miller Variable Speed Drive is in reality a "Four-in-One Drive," combining, as it does, Varying Speeds, Shockless Starter and Shock Absorber, Self-Contained Brake and Non-Belt-Steering Loose Pulley.

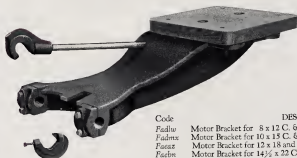


Code	DESCRIPTION	Shipping Weight
†Fadhs	Miller Variable Speed Drive for 8 x 12 C. & P. Presses	90 lbs.
†Fadt	Miller Variable Speed Drive for 10 x 15 C. & P. Presses	90 lbs.
†Fadu	Miller Variable Speed Drive for 12 x 18 and Craftsman C. & P. Presses	90 lbs.
†Fady	Miller Variable Speed Drive for 14½ x 22 C. & P. Presses	90 lbs.

†Variable Speed Drive consists of Speed Pulley, Clutch-head, Pulley, Brackets and Cam complete, ready to attach to press.

MILLER PATENTED MOTOR BRACKET

THE Miller Patented Motor Bracket is applicable to 8 x 12, 10 x 15, 12 x 18 and 14½ x 22 C. & P. Presses. It provides a neat, substantial foundation for the Motor, self-contained and supported by the four legs of the press, insuring proper alignment of belt as well as correct belt tension.



Code	DESCRIPTION	Shipping Weight
Fadlu	Motor Bracket for 8 x 12 C. & P. Presses	30 lbs.
Fadmx	Motor Bracket for 10 x 15 C. & P. Presses	90 lbs.
Fadax	Motor Bracket for 12 x 18 and Craftsman C. & P. Presses	110 lbs.
Fadyb	Motor Bracket for 14½ x 22 C. & P. Presses	110 lbs.

MILLER ELECTRICAL CONDUIT AND WIRING

THIS equipment consists of a neat conduit, complete with wiring and snap switch, applicable to 8 x 12, 10 x 15, 12 x 18 and 14½ x 22 C. & P. Presses. The assembly is easily attached, neat in appearance, with snap switch most conveniently located to the hand of the operator. All wiring is concealed from view, carefully insulated, meeting the most stringent law requirements.

Code	DESCRIPTION	Shipping Weight
†Faeag	Electrical Conduit Complete for 8 x 12 C. & P. Presses	25 lbs.
†Facht	Electrical Conduit Complete for 10 x 15 C. & P. Presses	25 lbs.
†Faru	Electrical Conduit Complete for 12 x 18 C. & P. Presses	30 lbs.
†Fayv	Electrical Conduit Complete for 14½ x 22 C. & P. Presses	30 lbs.
†Electrical Conduit Complete consists of Conduit, Wiring and Snap Switch.		
Faco	Endless Belt for 8 x 12 C. & P. Presses	5 lbs.
Fachb	Endless Belt for 10 x 15 C. & P. Presses	5 lbs.
Fachq	Endless Belt for 12 x 18 C. & P. Presses	5 lbs.
Fachf	Endless Belt for 14½ x 22 C. & P. Presses	5 lbs.
*Faddo	Complete Electrical Equipment for 8 x 12 C. & P. Presses	300 lbs.
*Fadep	Complete Electrical Equipment for 10 x 15 C. & P. Presses	300 lbs.
*Fadfq	Complete Electrical Equipment for 12 x 18 and Craftsman C. & P. Presses	350 lbs.
*Fadyr	Complete Electrical Equipment for 14½ x 22 C. & P. Presses	400 lbs.

*Complete Electrical Equipment consists of Motor, Variable Speed Drive, Motor Bracket, Conduit, Wiring, Snap Switch and Endless Belt. Illustrated page seven.

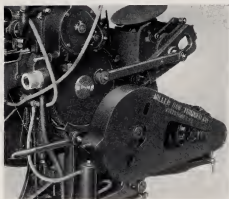


Carried in stock at all Miller Branches. Write for prices.

MILLER VARIABLE SPEED DRIVE GUARD



The accompanying view illustrates the simple manner of attaching—no holes to drill, no special fitting of any description. Note how completely it protects speed pulley, belt and motor pulley. Removed in an instant, giving free access to all belt and pulley adjustments. Its neat, symmetrical design adds to the general appearance of the machine. No Miller Unit complete without it.

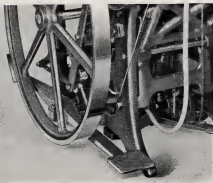


Code	DESCRIPTION	Shipping Weight
Fag18	Miller Variable Speed Drive Guard for 8 x 12 C. & P. Presses	65 lbs.
Fag19	Miller Variable Speed Drive Guard for 10 x 15 C. & P. Presses	68 lbs.
Fag20	Miller Variable Speed Drive Guard for 12 x 18 and Craftsman C. & P. Presses	75 lbs.

C. & P.
PRESS
BRAKE

THE C. & P. Press Brake, differing from the less efficient, screwed-to-the-floor variety, is bolted direct to the press frame, where it becomes an integral part of the press itself—"creeping" of the press does not affect its braking power. Easily and quickly attached to later New Series C. & P. Presses which have holes already drilled in frame at bottom on flywheel side. When ordering specify press size.

Code	DESCRIPTION	Shipping Weight
Fag21	C. & P. Press Brake for 8 x 12 C. & P. Presses	25 lbs.
Fag22	C. & P. Press Brake for 10 x 15 C. & P. Presses	30 lbs.
Fag23	C. & P. Press Brake for 12 x 18 and Craftsman C. & P. Presses	32 lbs.
Fag24	C. & P. Press Brake for 14 1/4 x 22 C. & P. Presses	35 lbs.



Carried in stock at all Miller Branches. Write for prices.

MOTORS AND MOTOR DATA

THE motors furnished as Standard Equipment for Miller Automatic Feeder-Equipped presses have been selected only after the most severe tests of continuous operation. They have proved especially adaptable to Miller Feeder requirements, possessing ample power and carrying the guarantee of the respective motor manufacturers, as well as the guarantee of the Miller Saw-Trimmer Company.

The line of Motors includes such well-known makes as Century, Crocker-Wheeler, General Electric, Holtzer-Cabot, Northwestern, Wagner and Westinghouse, each selected to fill a particular current or voltage requirement, ranging in direct current from 100 to 550 volts, and in alternating current from 110 to 550 volts, in the various cycles and phases.

Rheostats or Starting Boxes are furnished for 500-volt direct current motors only. Starting Boxes are not required with direct or alternating current motors below 500 volts, and are not furnished.

All of the motors listed, direct and alternating current, are designed on uniform mechanical and electrical lines. They represent the highest development in motor construction, embodying simplicity and mechanical strength, together with high efficiency and low operating temperature, insuring a very large overload capacity.

All motors are enclosed as much as possible with dust-proof bearings, assuring long life. They have proven exceptionally satisfactory during many years of actual service, establishing enviable records in low cost of operation and minimum cost of maintenance.

TELEGRAPHIC CODE

For convenience in ordering motors by wire we submit the following simple telegraphic code. The column headings, together with the examples given, will explain its use.

Size of C. & P. Press for which Motor is Needed		DIRECT CURRENT (When ordering Direct Current Motor it is only necessary to specify Size of Press, and D. C. Voltage)		ALTERNATING CURRENT (When ordering Alternating Current Motor it is necessary to specify Size of Press, A.C. Voltage, Cycle and Phase.)					
Code	Press Size	Code	D. C. Voltage	Code	A.C. Voltage	Code	Cycle	Code	Phase
Maaf	8 x 12	Mafo	100 to 115	Magb	110 - 220	Maht	25	Maaw	1
Maap	10 x 15	Maip	200 to 230	Magc	220 - 440	Mahtb	30	Maht	2
Maah	*12 x 18	Maef	300 to 350	Magd	110	Mahtc	40	Maht	3
Maam	14 1/2 x 22			Magf	220	Mahtd	50		
				Magg	440	Mahte	60		
				Magh	550	Mahtf	125		
						Mahtg	135		

*Including 12 x 18 Craftsman.

Examples illustrating use of Code Words when ordering by wire: If motor is wanted for 10 x 15 press and your voltage is 230 D.C., use the words "Maagu" and "Maip." If motor is wanted for 8 x 12 press and voltage is 110 A.C., 60 cycle, 1 Phase, use words "Maaf," "Magd," "Maht," and "Maaw."

GUARANTEE, TERMS, ETC.

GUARANTEE

WE guarantee that *Miller Automatic Feeders* will handle any flat stock, onion skin to and including 3-ply cardboard, in all sizes from $3\frac{1}{4} \times 5\frac{1}{2}$ inches (12 x 18 Feeder $5\frac{1}{2} \times 8\frac{1}{2}$ inches) to maximum feeder capacities, with accurate register, at speeds up to 3000 per hour 8 x 12 size, 2300 per hour 10 x 15 size, 1800 per hour 12 x 18 size and 2000 to 2400 per hour 12 x 18 Craftsman size, providing the stock is not electrified or otherwise in bad condition.

TERMS

*Terms in Eastern and Central Territories on *Miller Automatic Feeders* and *Miller Accessories* are F.O.B. Pittsburgh. C. & P. Presses and Accessories are F.O.B. Dealer Cities.

*In Western and Pacific Coast Territories, *Miller Automatic Feeders*, Presses and Accessories are F.O.B. Dealer Cities.

(*All *Miller Accessories* sold with *Ideal Units* are F.O.B. Dealer Cities. When sold separately they are F.O.B. the Branch making sale. If not in Branch stock and if wanted shipped singly, less than carload, purchaser must await arrival of next car or pay carrying charges from Pittsburgh.)

Cash—5% discount off *Feeder*, 2% off *Press* and *Accessories* if paid in full at end of demonstration to Company's representative.

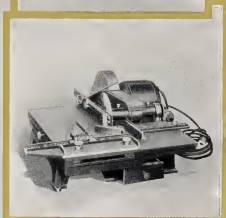
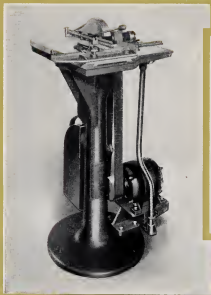
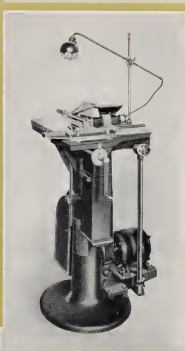
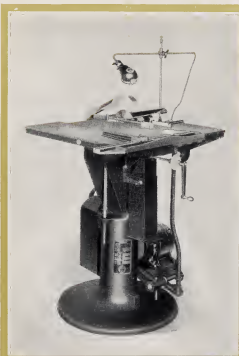
Extended Payments—If equipment sold totals less than \$1,000.00, one-fourth cash, balance in equal monthly installments not to exceed twelve months. If equipment sold totals \$1,000.00 or more, one-fourth cash, balance in equal monthly installments not to exceed eighteen months. Balance in either case to be covered by interest-bearing promissory notes of *Miller Saw-Trimmer Company*, written in series of four months. Cash payment, notes, chattel mortgage, conditional bill of sale or lease and insurance policy to be delivered to our representative at the completion of demonstration.

SUPPLIES AND REPAIR PARTS

When ordering supplies or repair parts for *Miller Automatic Feeders* or *Attachments* give serial number of *Feeder*, which will be found stamped on name-plate attached to front of *Feeder*.

PRICES

Quotations may be secured from our main office, our nearest branch office or our traveling representatives. *Telegraph orders* will be billed at prevailing prices.



Upper Left—Miller "Heavy-Duty" Saw-Trimmer
 Upper Right—Miller "Universal" Saw-Trimmer
 Lower Left — Miller "Special-Purpose" Saw-Trimmer
 Lower Right—Miller "Printer's Bench" Saw-Trimmer

THE MILLER SAW-TRIMMER AND ITS SCOPE OF OPERATION

THE MILLER SAW-TRIMMER has become an indispensable part of the equipment of every modern composing room. It is the only machine that saws and trims in one operation, gauging absolutely to the American Point System. (Gauges cut to the Didot Point System on request without extra cost.) The combination of a saw blade and a trimmer head in one, so that they act simultaneously, is the basic principle of the machine. The saw and trimmer are mounted on the same mandrel, with the trimmer knives projecting through the saw blade. The knives, when changed for sharpening, may be accurately re-adjusted in a few moments.

The micrometer gauge is adjustable to points and fractions of points by simply turning the knurled worm. The right-hand graduations on worm gauges lengths; the left-hand graduations, used in conjunction with batter, gauges miters. To change the adjustment quickly, the gauge may be lifted free from the rack and moved forward or backward quickly as in the ordinary quick-acting vise. It locks automatically when dropped back into place.

The table slides freely and every provision is made for wear, insuring permanent accuracy. The main tables of the Universal and Heavy-Duty Saw-Trimmers are equipped with an elevating mechanism whereby the tables are raised and lowered in relation to the saw-head. This mechanism is controlled by a micrometer point dial marked by points and half points up to two picas for one revolution. The Special-Purpose and Bench Saw-Trimmers are not equipped with table elevating mechanism, this being an exclusive feature with the Universal and Heavy-Duty.

All ordinary operations are easily taken care of with the standard equipment furnished with each machine. If work of greater scope is desired, convenient attachments are provided, as illustrated and described in our Saw-Trimmer Catalog.

The Miller Universal Saw-Trimmer is the recognized "Standard" of upward of 8,000 shops—designed for general composing room and printing house use.

The Miller Heavy-Duty Saw-Trimmer more than doubles the size capacity of the Universal, is more massive in its construction, with proportionately larger motor. Equally well adapted to the handling of small work, its increased size encompasses every possible requirement of the largest newspaper and commercial composing room, paper box factory, electrotpe or engraving plant and other allied industries.

The Miller Special-Purpose Saw-Trimmer is designed particularly for the large newspaper where more than one Miller is required for slug-cutting during the "rush hours," and for the linotype trade composition plant.

The Miller Printer's Bench Saw-Trimmer is designed to meet the requirements of the smaller office. There is also a demand for this machine from the larger offices, where it is profitably employed as an auxiliary to the Miller Universal, Heavy-Duty or Special-Purpose Saw-Trimmers in handling overflow work during "rush" periods.

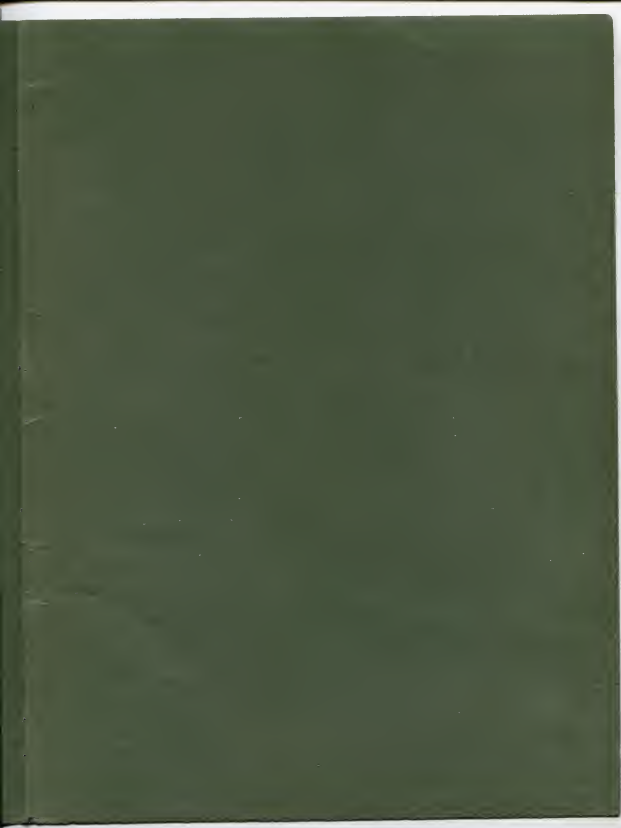
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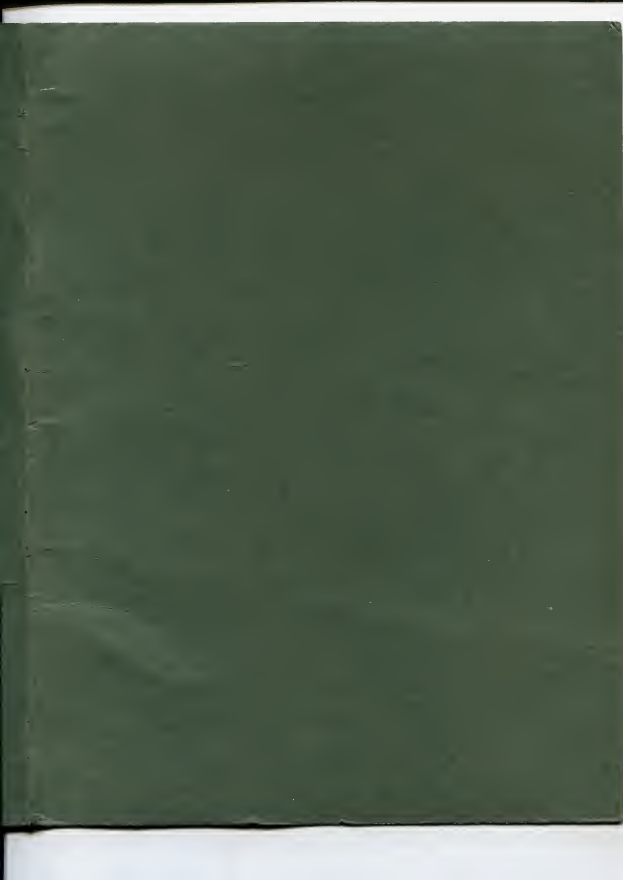
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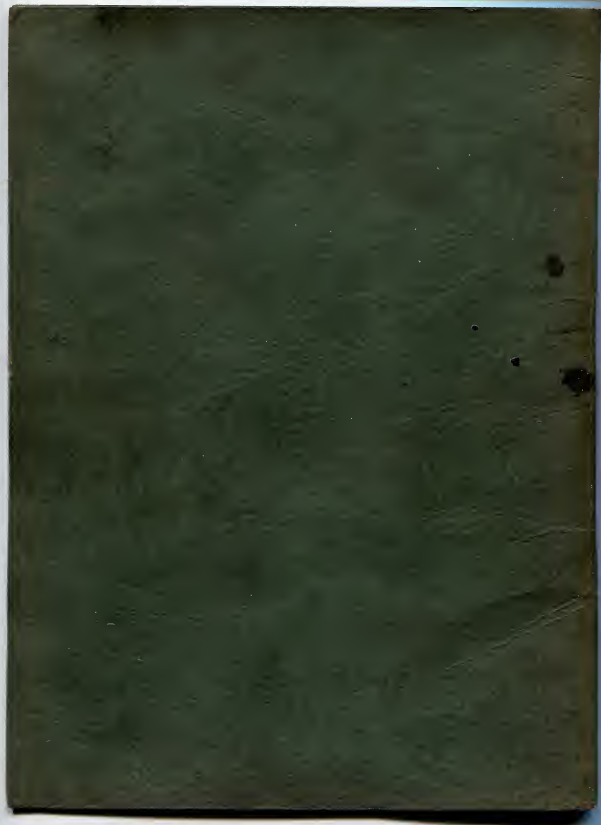
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MILLER PRINTING MACHINERY COMPANY

NAME CHANGED FROM MILLER SAW-TRIMMER COMPANY

AUTOMATIC PRINTING MACHINERY

MILLER SIMPLEX AND HIGH-SPEED CYLINDERS
MILLER MASTER-SPEED PLATEN JOBBERS
MILLER PLATEN PRESS FEEDERS
MILLER SAW-TRIMMERS

PITTSBURGH, U.S.A.

June 18, 1928.

Mr. L. Arthur Wilson,
Wilson Printing Co.,
Beaver Dam, Wis.

Dear Mr. Wilson:

In answer to your letter of June 13th,
~~we are sending you herewith booklet illustrating and~~
describing the several sizes of Miller Automatic
Feeders and complete Miller C & P Automatic Units.

We are enclosing with this, printed
price list which lists the Feeder, Press and other
Component Parts of a complete Miller Unit separately.
From this you can ascertain the cost of the Electrical
Equipment and other accessories you wish to apply to
your 10x15 C & P Press.

Prices quoted are f.o.b. Pittsburgh,
except press on which freight is allowed to Milwaukee
and includes erection and demonstration. At the
bottom of the sheet will also be found full explana-
tion of our cash discount and deferred payment plan.

We will be glad to discuss details at
your convenience, either direct or through our
representative - no obligations. May we hear from
you further?

Cordially yours,

MILLER PRINTING MACHINERY COMPANY


Vice-Pres.-Director of Sales.

J. H. Cannon
RMF

MILLER SAW-TRIMMER COMPANY

Pittsburgh, Pa.

May 5, 1926

MILLER FEEDERS AND MILLER IDEAL UNITS

Eastern Territory

Prices are f. o. b. Pittsburgh except Press on which freight is allowed to _____
and include installation and demonstration.

ITEMS	8x12	10x15	12x18	Craftsman
Miller Feeder	\$650.00	\$700.00	\$800.00	\$800.00
*Miller Electrical Equipment				
D. C. 115 or 230 Volts.....	140.00	150.00	153.00	182.00
D. C. 500 Volts inc. Rheostat.....	150.00	160.00	163.00	186.00
A. C. 60 Cycle 1 Phase, Any Voltage.....	151.00	165.00	168.00	181.00
A. C. 60 Cycle 2-3 Phase, Any Voltage.....	134.00	143.00	146.00	149.00
Miller Double Vibrating Distributors.....	50.00	50.00	50.00	-----
Miller Hold-Fast Grippers, per set.....	5.00	6.00	7.00	7.00
Miller Center Grippers, per set.....	2.00	2.50	2.70	2.70
Miller String Fasteners, per set.....	.50	.50	.50	.50
Miller Fly Wheel Guard.....	3.50	3.50	3.50	3.50
Miller Speed Drive Guard.....	20.00	20.00	20.00	20.00
Miller Anyangl Lighting Fixture.....	7.50	7.50	7.50	7.50
Miller Electric Sheet Drier.....	-----	50.00	50.00	50.00
Miller Small Sheet & Card Attachment.....	20.00	20.00	-----	-----
Miller Made Up Envelope Attachment.....	-----	200.00	-----	-----
Miller Die Cut Envelope Attachment.....	-----	50.00	50.00	50.00
C. & P. New Series Press.....	270.00	395.00	490.00	750.00
C. & P. Long Fountain.....	23.00	23.00	23.00	-----
C. & P. Short Fountain.....	14.00	14.00	14.00	-----
C. & P. Press Brake.....	10.00	10.00	10.00	-----
Redington Counter.....	6.75	6.75	6.75	6.75
Double Grip Gauge Pins.....	2.75	2.75	2.75	2.75
Rollers (Casting only per set).....	2.50(3)	4.00(3)	6.50(3)	8.50(4)

*Includes Adjustable Motor Bracket, Variable Speed Pulley, Wiring, Conduit,
Snap Switch, Belt and Motor of Characteristics listed.

SELLING TERMS

CASH—5 per cent. discount off Feeder and 2 per cent. discount off balance of equipment, if paid in full at end of demonstration to Company's representative.

EXTENDED PAYMENTS—If equipment sold totals less than \$1,000, one-fourth cash, balance in not to exceed 12 months. If equipment sold totals \$1,000 or more, one-fourth cash, balance in not to exceed 18 months. Balance in either case to be covered by interest bearing promissory notes of Miller Saw-Trimmer Co., written in series of four months. Cash payment, notes, chattel mortgage, conditional bill of sale or lease to be delivered to our representative at the completion of demonstration. (Insurance policy subject to conditions in contract.)

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

INVOICE DATE 6/18/30
YOUR ORDER NO.

Telephone Broadway 8901-8902

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SHOP NO. 12234

J. Ruesch Printing Machinery Co.

Printing, Lithographing, Bookbinding and Folding Box
MACHINERY AND EQUIPMENT

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MILWAUKEE, WISCONSIN

SOLD TO Wilson Printing Co.,
206 1/2 Front Street
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TERMS 30 DAYS NET

NEW AND REBUILT
Cylinder and Job Presses
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Electric Welded Chases
Metal Furniture & Other Press
and Composing Room Fixtures
BROKERS
for
Surplus Equipment and
Complete Outfits

Parts for 10x15 Automatic Feeder No 7794

1	AF236	1.00	1	AF 10 L	1.00	2.00
2	G0164-4" new st	.60	10	AF987 3/25	.80	1.40
2	G0166-6" "	.60	10	AF990 "	.80	1.40
2	AF988-6 "	.30	2	G0111	.25	1.55
1	AF477A	1.00	1	G0240	.50	1.50
1	AF477B	.50	1	G0241	.50	1.00
1	AF477C	.75	1	G0262	.50	1.25
						9.10
				P P		.16
						9.26